

Fig. 1 (Prior Art)

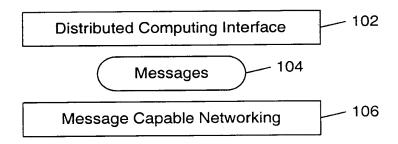


Fig. 2

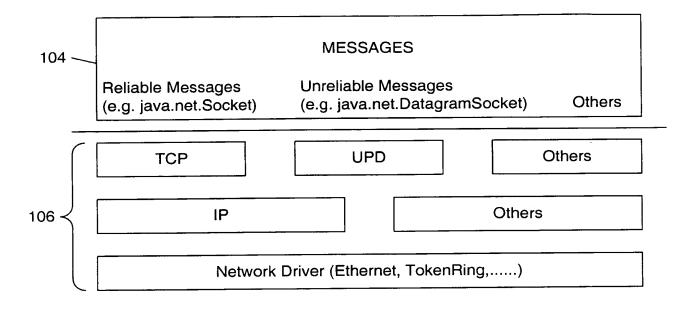


Fig. 3

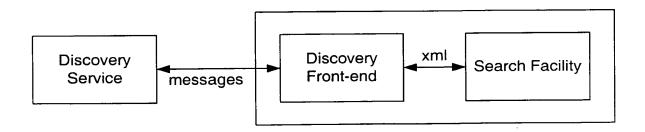
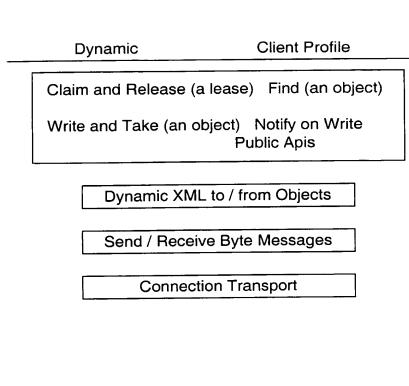


Fig. 4



Static

Fig. 5

Static XML Message Definitions

Send / Receive Byte Messages

Connection Transport

Client Profile

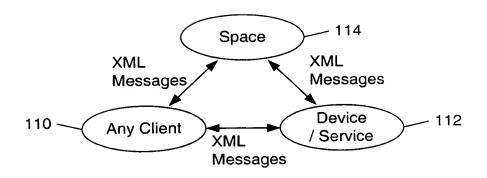


Fig. 6

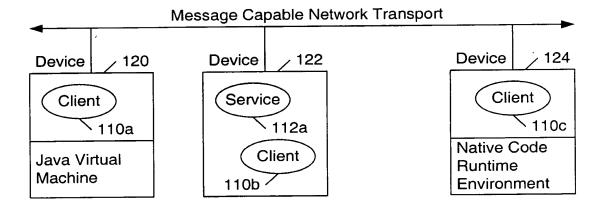


Fig. 7

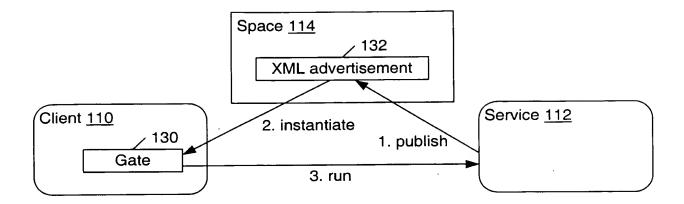


Fig. 8

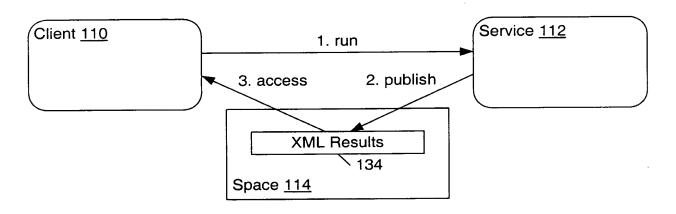


Fig. 9

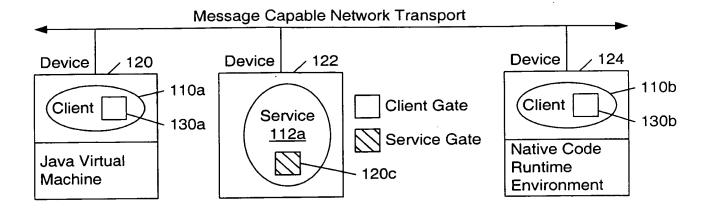


Fig. 10a

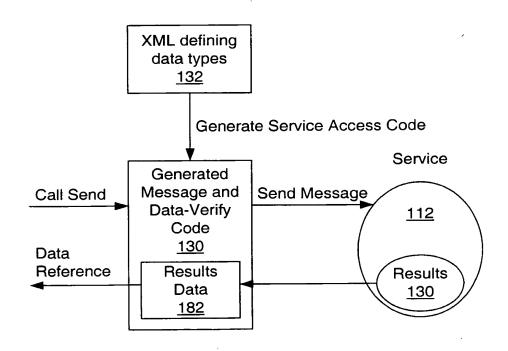


Fig. 10b

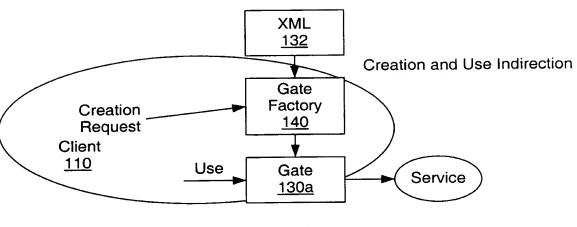


Fig. 11a

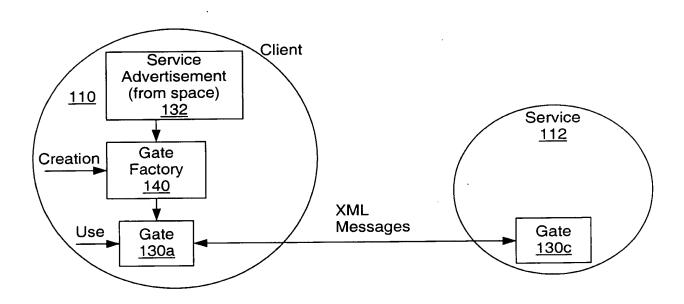


Fig. 11b

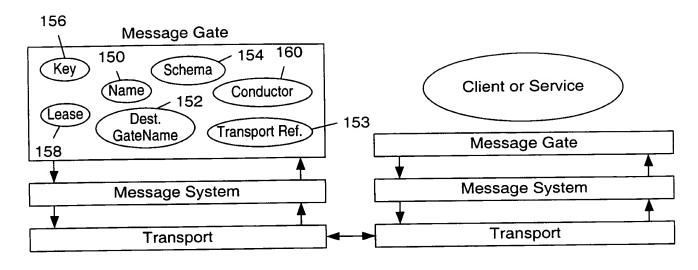


Fig. 12

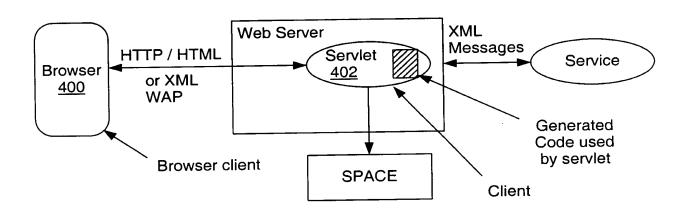


Fig. 13

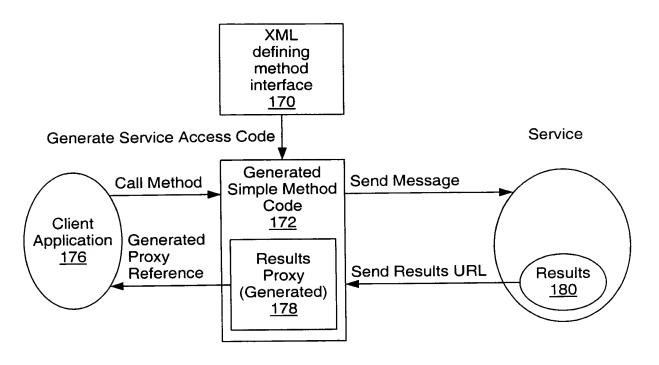


Fig. 14

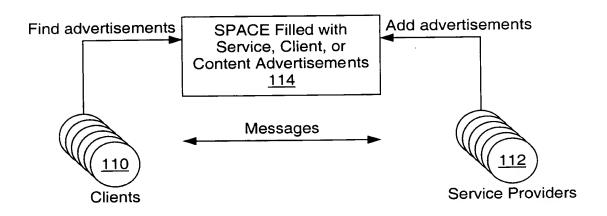


Fig. 15

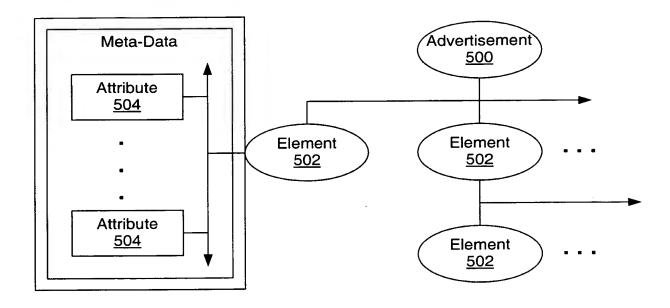


Fig. 16

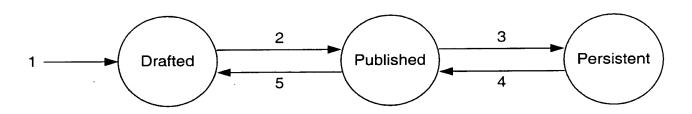
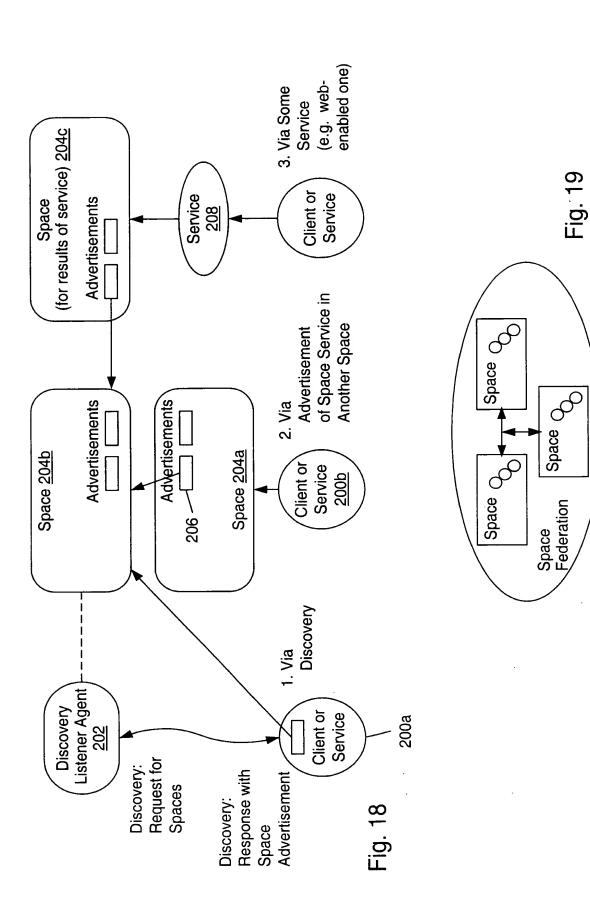


Fig. 17



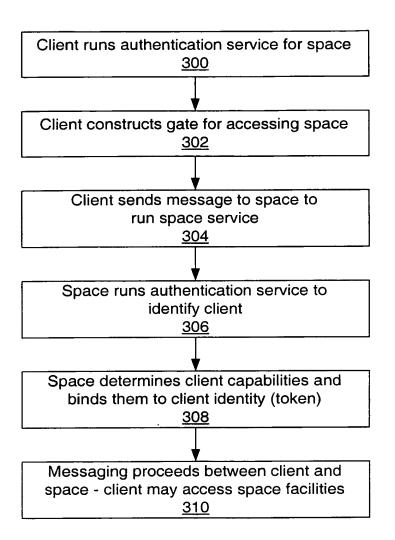


Fig. 20

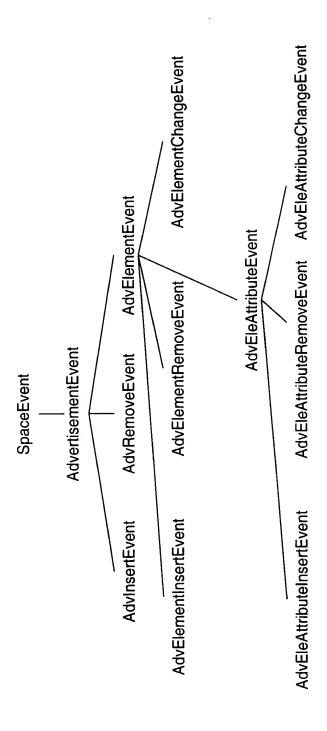
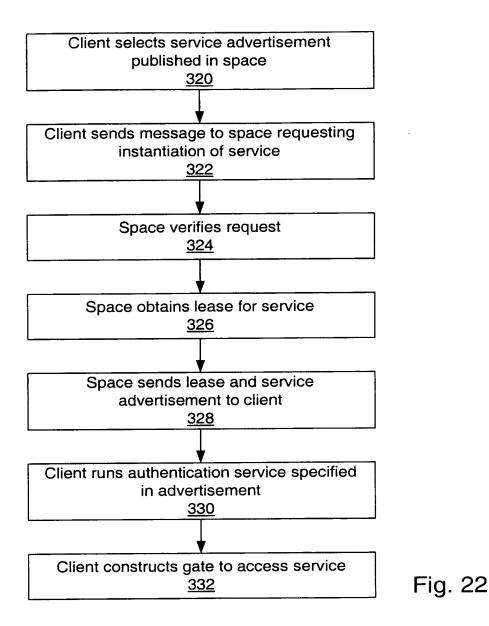


Fig. 21



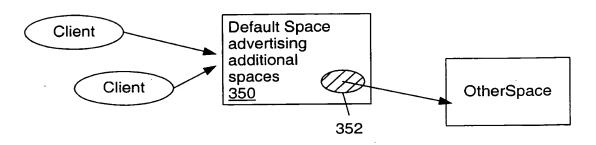
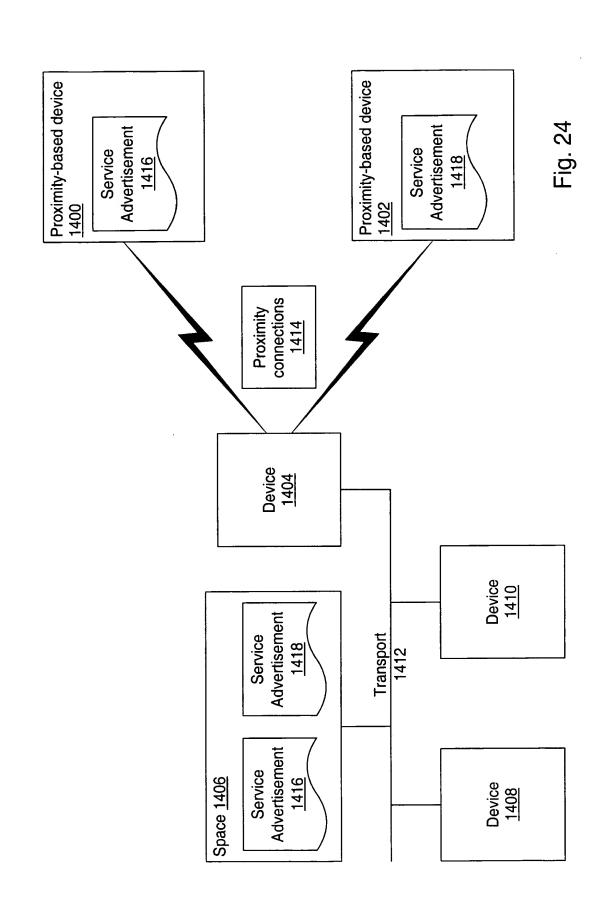


Fig. 23



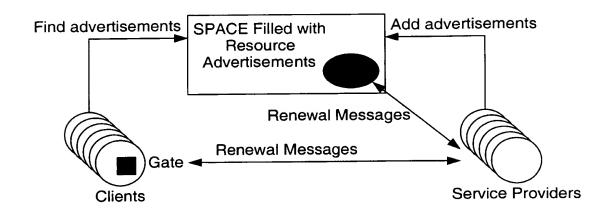


Fig. 25

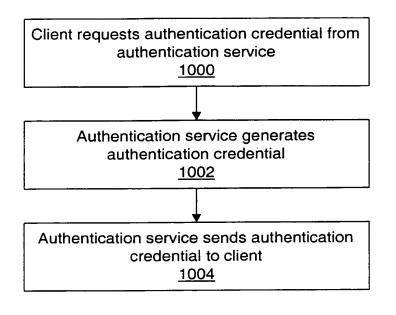


FIG. 26a

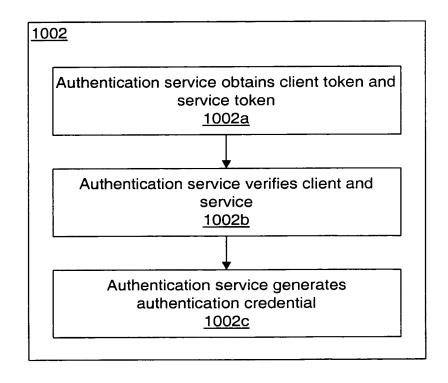
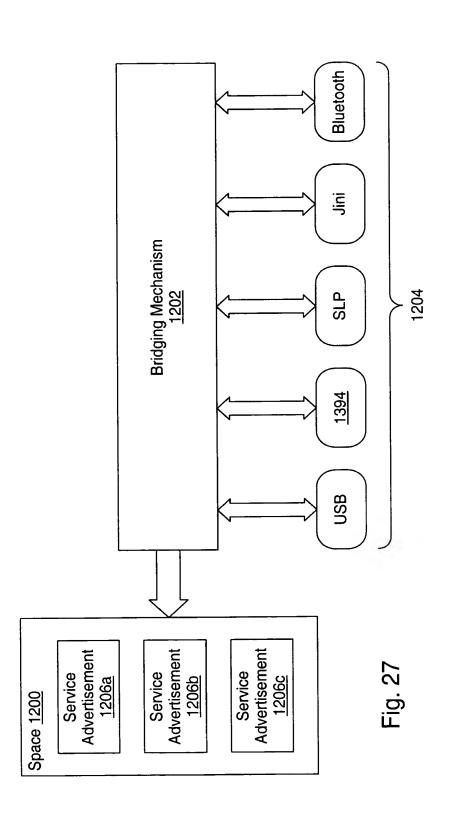
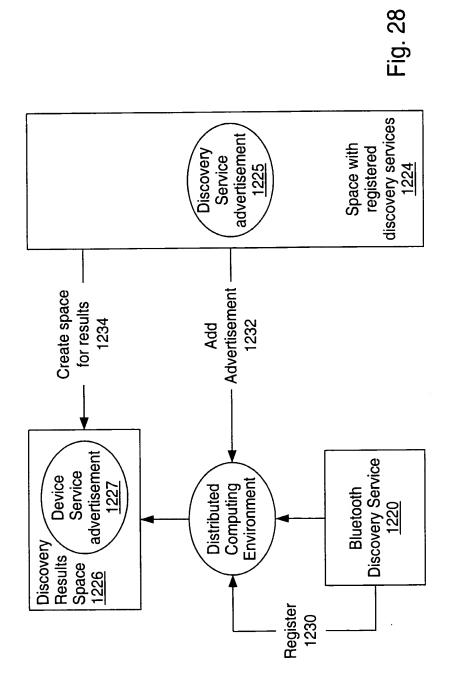
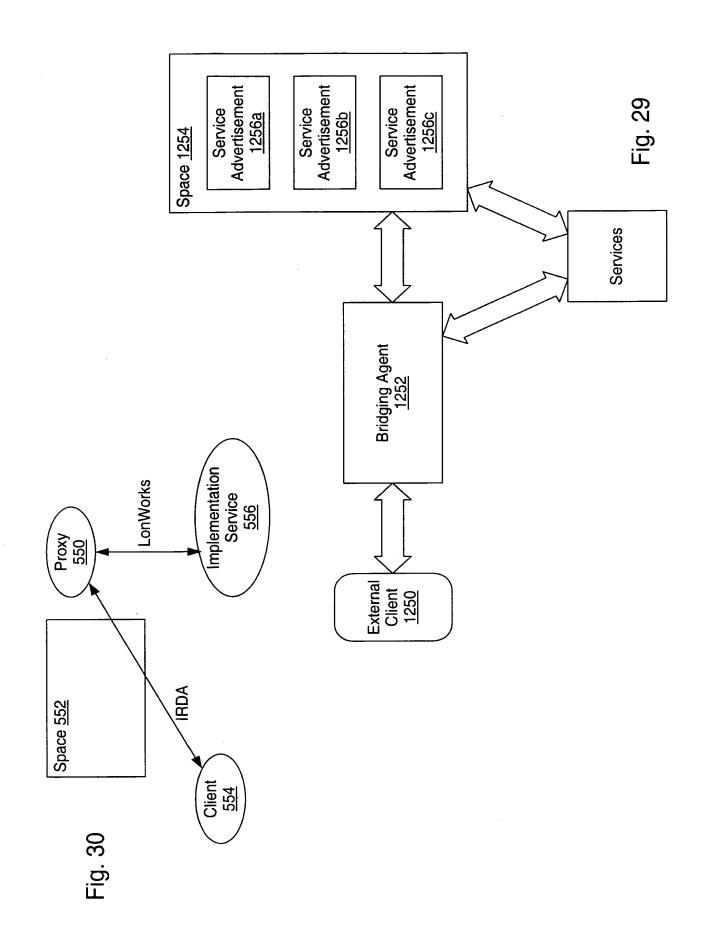
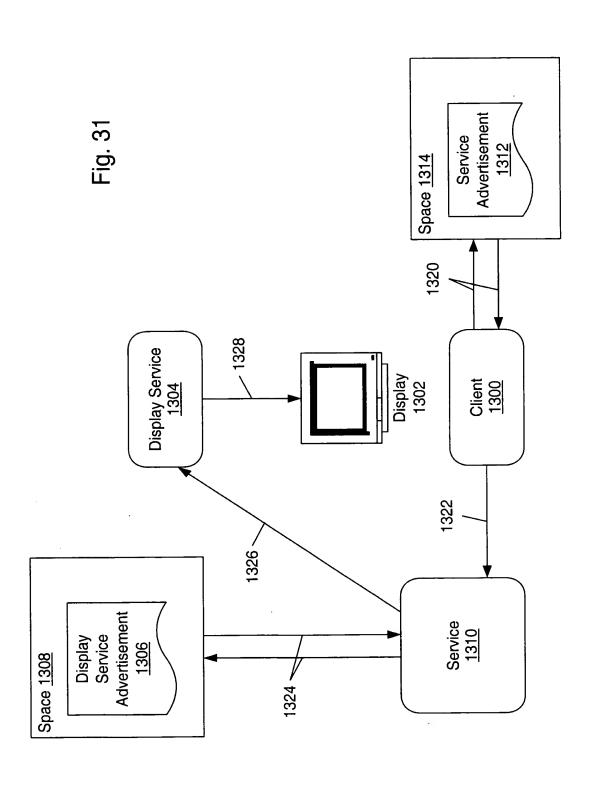


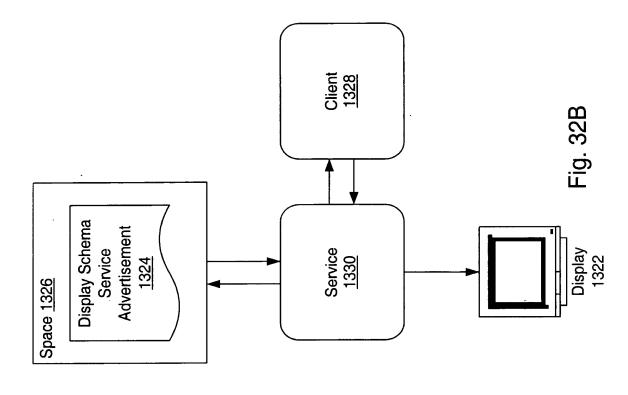
FIG. 26b

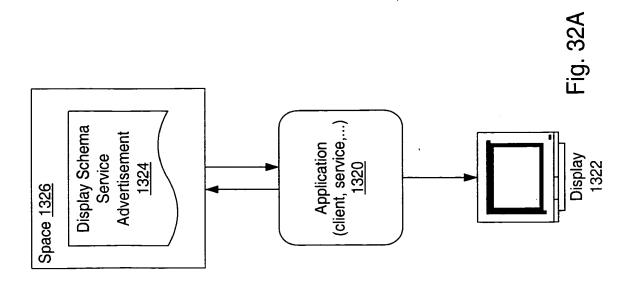


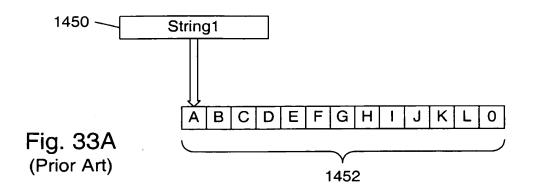


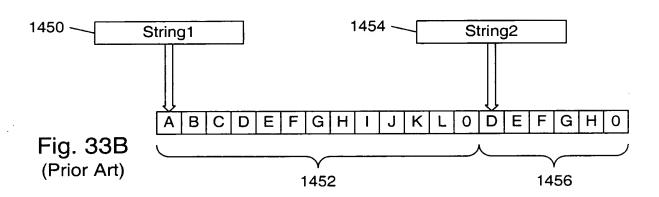


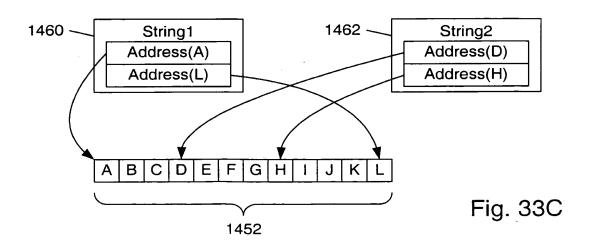












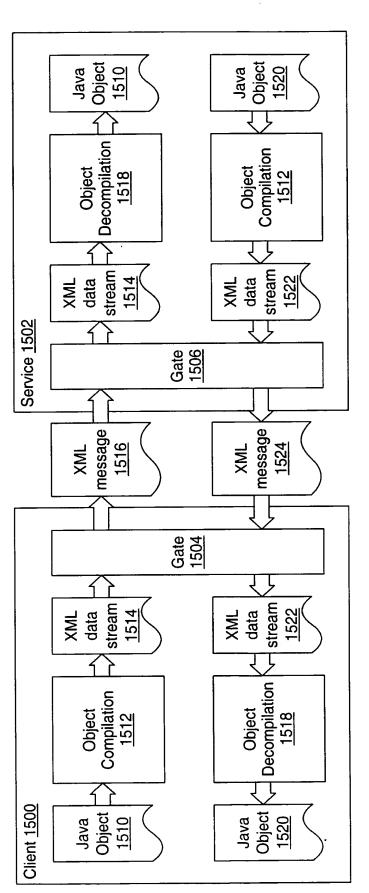


Fig. 34

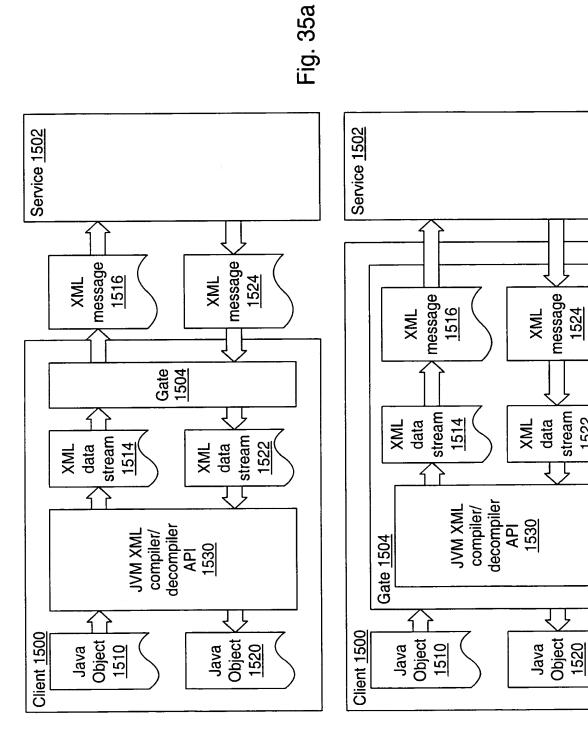


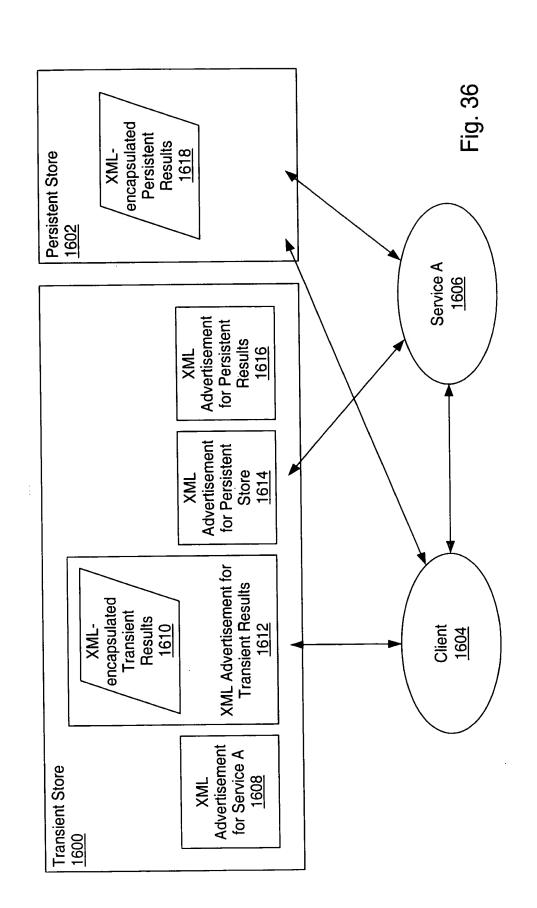
Fig. 35b

message

1524

stream 1522

data



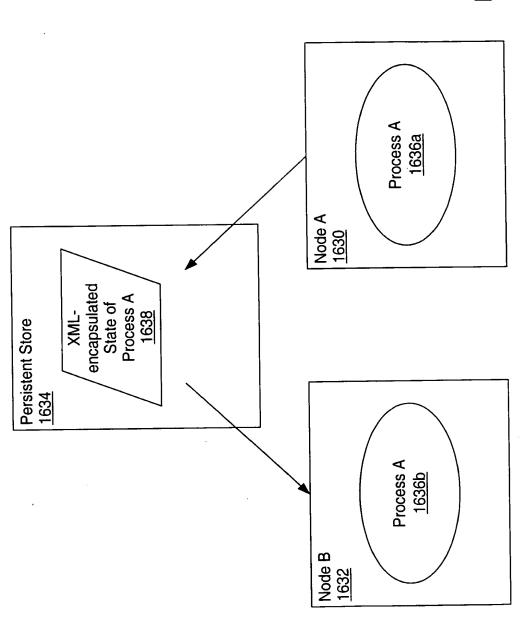


Fig. 37

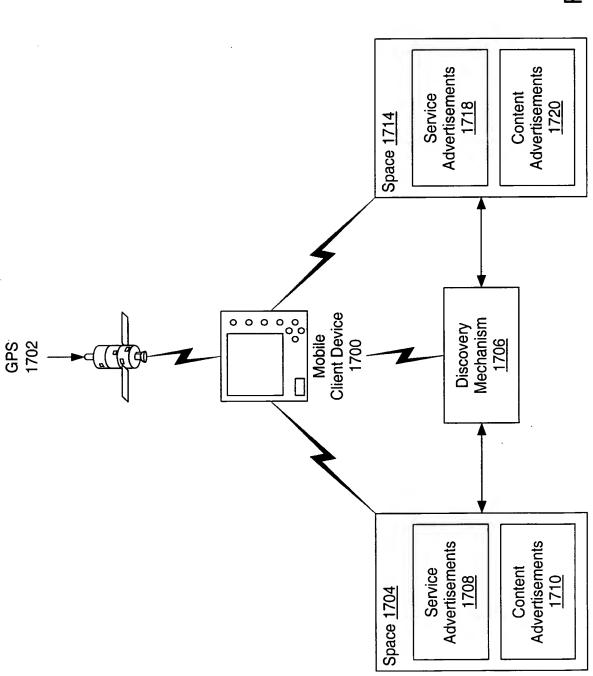
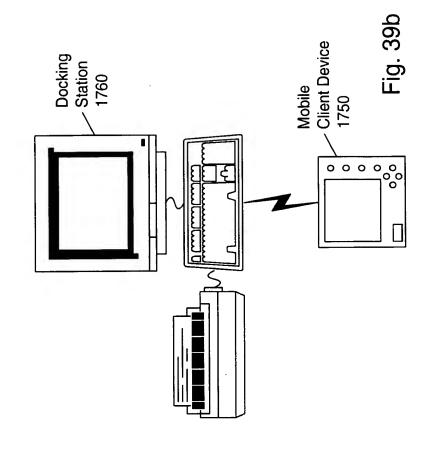


Fig. 38



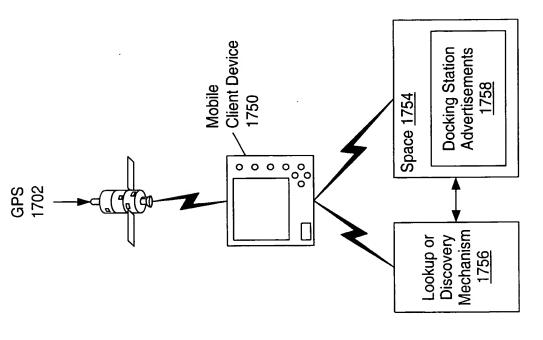
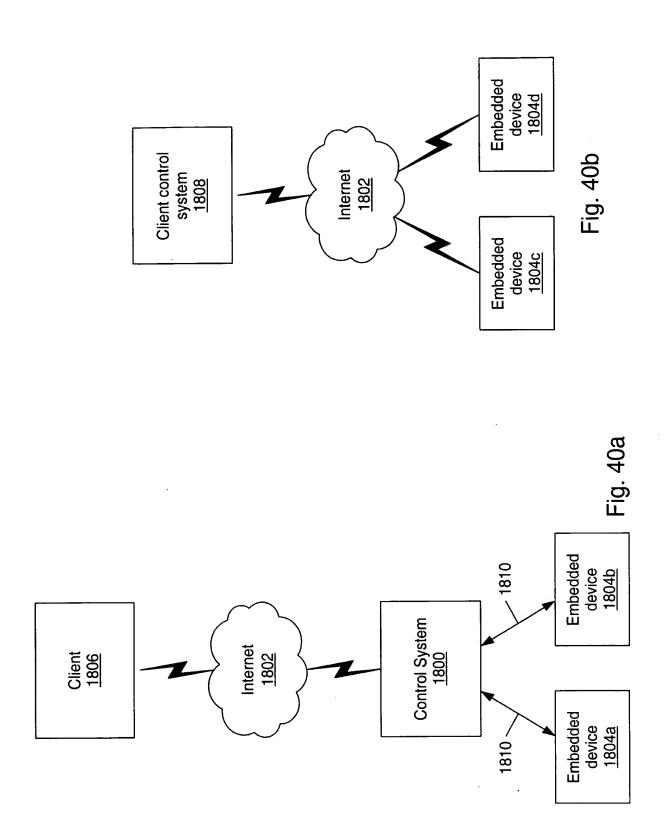


Fig. 39a



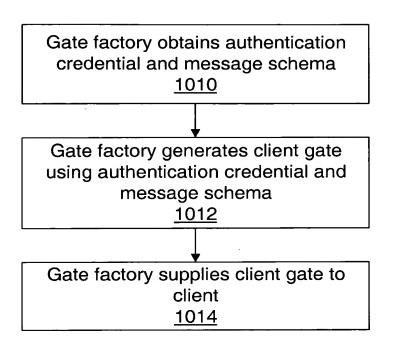
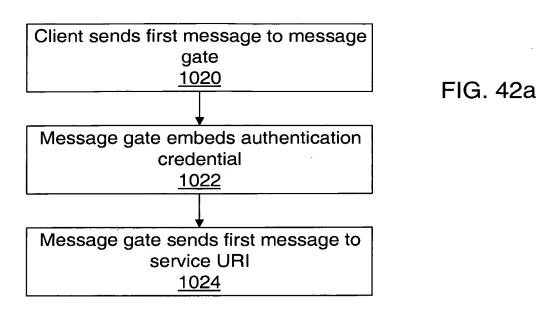
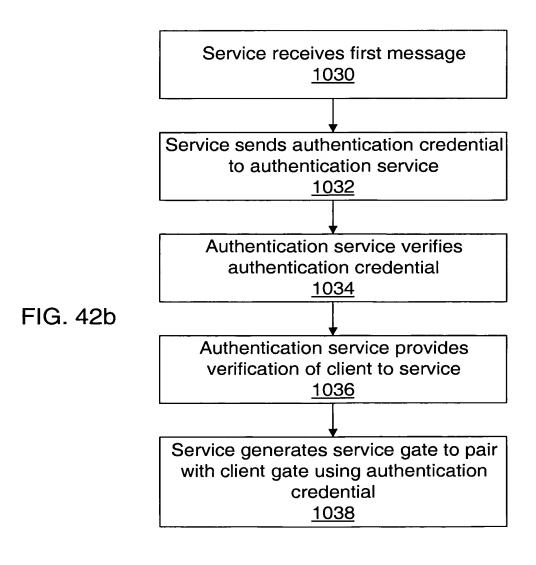


FIG. 41





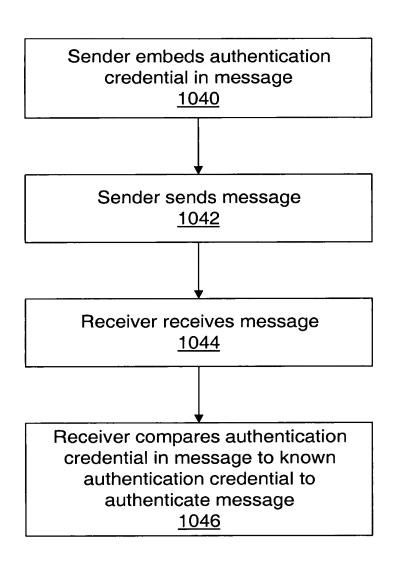


FIG. 42c

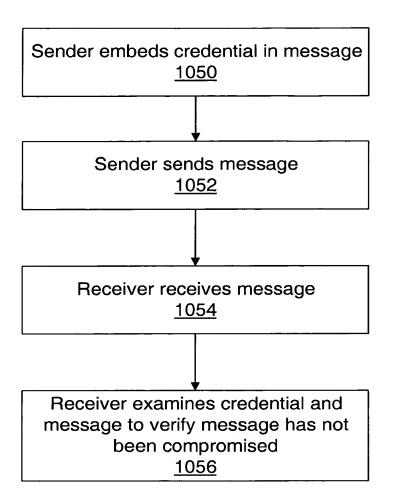


FIG. 43

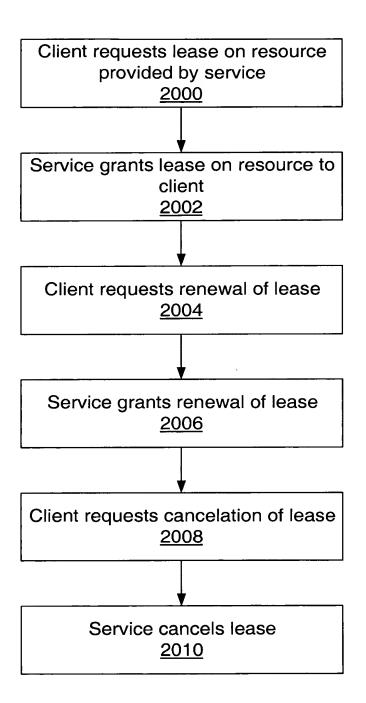


FIG. 44

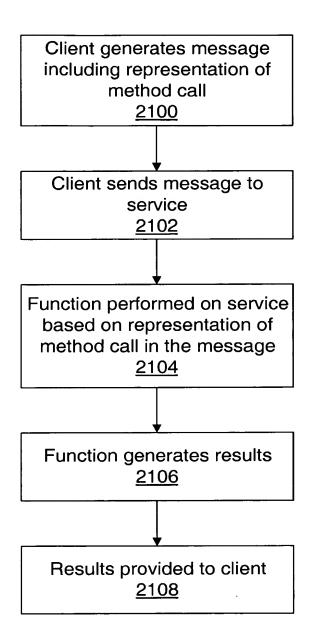


Figure 45a

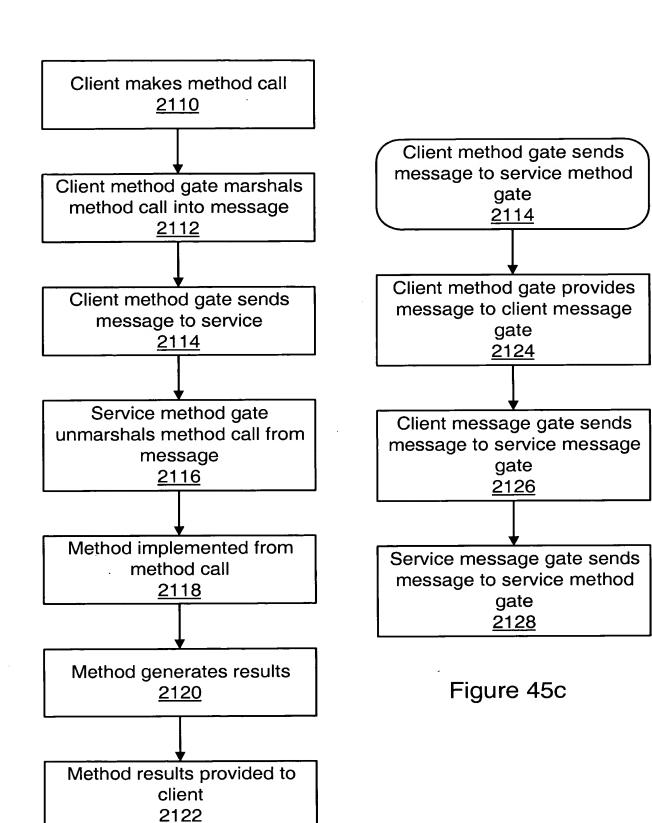


Figure 45b

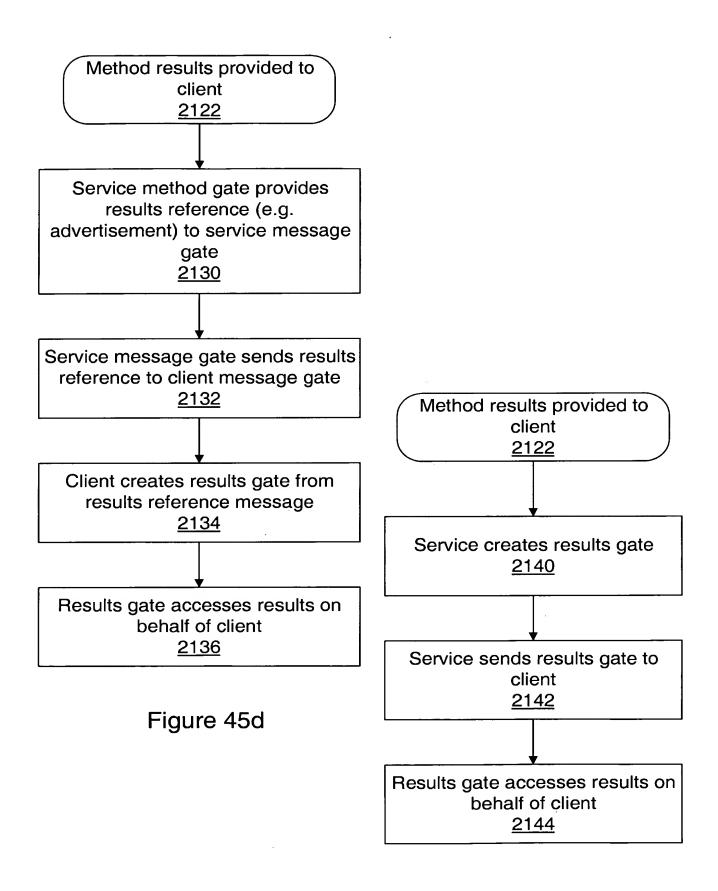


Figure 45e

Client requests object from service 2200 Service provides object to compilation process 2202 Compilation process generates data representation language representation of object 2204 Service sends data representation language representation of object to client in a message 2206 Client provides data representation language representaiton of object to decompilation process 2208 Decompilation process generates

Decompilation process generates copy of object from data representation language representation of object 2210

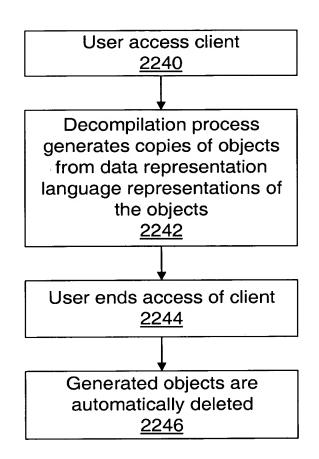


Figure 47

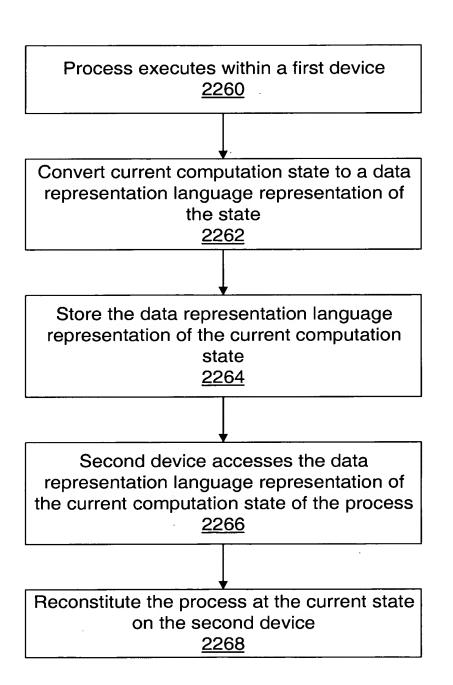


Figure 48





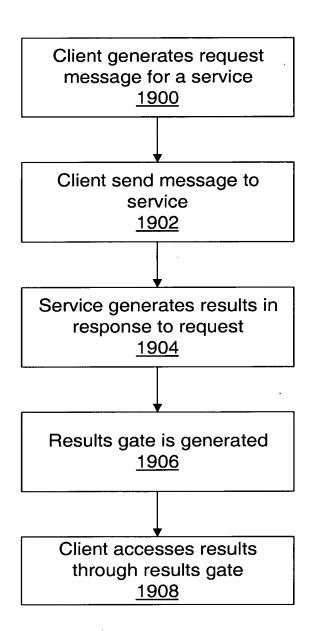


Figure 49